

Claims

We claim:

1. "MATTRESS IMPROVEMENT CONTAINING MEANS FOR ROTATION SIGNALLING", in which the mattress is constructed of a core and a cover enveloping the core, characterized by means for rotation signalling, in
 5 which the said means indicate the correct position of the mattress in any day of the year, so that the use of the mattress can be divided in a controlled fashion in periods substantially equal for all the four possible mattress positions in relation to the bed, thus distributing in time and space the external factors that deform a mattress,
 10 therefore expanding the useful life of the mattress.

2. "MATTRESS IMPROVEMENT CONTAINING MEANS FOR ROTATION SIGNALLING", according to claim 1, in which the said means for rotation signalling are located in at least two sides of the mattress, A and B on one side and C and D on the opposite side; and means for signalling B is upside down in
 15 relation to A, and means for signalling C is upside down in relation to D being that A, B, C and D correspond each to one of the four possible mattress positions and reciprocally, for each mattress position, only one of A, B, C or D is correctly applied.

3. "MATTRESS IMPROVEMENT CONTAINING MEANS FOR ROTATION SIGNALLING", according to claim 2, in which the said means
 20 for rotation signalling A, B, C and D correspond to the four seasons, in any order.

4. "MATTRESS IMPROVEMENT CONTAINING MEANS FOR ROTATION SIGNALLING", according to claim 2, in which the said means
 25 for rotation signalling A, B, C and D correspond to four quarterly periods, being that such periods are contiguous and start and end in any two adjoining days of the year.

5. "MATTRESS IMPROVEMENT CONTAINING MEANS FOR ROTATION SIGNALLING", according to claim 2, in which the said means
 for rotation signalling A, B, C e D correspond to twelve numbers, from 1 to 12, and in which each set of three numbers corresponds to each one of A, B, C and D, in any
 30 order; and preferably where 1, 5 and 9 is the first set; 2, 6 and 10 is the second set;

3, 7 and 11 is the third set and 4, 8 and 12 is the fourth set; and even more preferably where 1, 5 and 9 correspond to the signal means A; 2, 6 and 10 correspond to signal means B; 3, 7 and 11 correspond to signal means C and 4, 8 and 12 correspond to signal means D.

5 6. "MATTRESS IMPROVEMENT CONTAINING MEANS
FOR ROTATION SIGNALLING", according to claim 2, in which the said means
for rotation signalling A, B, C and D correspond to the twelve months of the year,
from January to December, and in which three months correspond to each of A, B,
C, and D, in any order; and preferably in which the set January, May and September
10 in one of A, B, C or D; February, June and October is another; March, July and
November is still another and April, August and December is the fourth of A, B, C
and D; and more preferably, in which the set January, May and September is A;
February, June and October is B; March, July and November is C, and April,
August and December is D.

7. “MATTRESS IMPROVEMENT CONTAINING MEANS FOR ROTATION SIGNALLING”, according to claim 1, in which the said means for rotation signalling are integrated with the mattress through a retrofit.

8. "MATTRESS IMPROVEMENT CONTAINING MEANS
FOR ROTATION SIGNALLING", according to claim 1, in which the said means
for rotation signalling are part of a cover that is placed on the mattress after the
mattress is constructed.

9. “MATTRESS IMPROVEMENT CONTAINING MEANS FOR ROTATION SIGNALLING”, according to claim 1, in which the said means for rotation signalling are visual.

10. “MATTRESS IMPROVEMENT CONTAINING MEANS FOR ROTATION SIGNALLING”, according to claim 1, in which said means for rotation signalling are tactile.

11. "MATTRESS IMPROVEMENT CONTAINING
MEANS FOR ROTATION SIGNALLING", according to claim 1, in which the said
30 means for rotation signalling are electronic.

12. "MATTRESS IMPROVEMENT CONTAINING

MEANS FOR ROTATION SIGNALLING”, according to claim 1, in which the said core is substantially a synthetic foam.

13. “MATTRESS IMPROVEMENT CONTAINING
MEANS FOR ROTATION SIGNALLING”, according to claim 1, in which the
5 said core is substantially of animal origin, as the down mattresses.

14. “MATTRESS IMPROVEMENT CONTAINING
MEANS FOR ROTATION SIGNALLING”, according to claim 1, in which the said
core is substantially of vegetable origin, such as the straw and cotton mattresses.

15 15. “MATTRESS IMPROVEMENT CONTAINING
MEANS FOR ROTATION SIGNALLING”, according to claim 1, in which the
said core is substantially a metal spring structure.

16. “MATTRESS IMPROVEMENT CONTAINING
MEANS FOR ROTATION SIGNALLING”, according to claim 1, in which the said
core is substantially a composite material.

15 17. “MATTRESS IMPROVEMENT CONTAINING
MEANS FOR ROTATION SIGNALLING”, according to claim 1, in which the said
core is substantially made of a fluid.